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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 5

**Complete if Known**

Application Number	09/545,589
Filing Date	April 7, 2000
First Named Inventor	Scott A. MOSKOWITZ
Art Unit	2132
Examiner Name	Benjamin E. Lanier
Attorney Docket Number	066603.0123 (80410.0006)

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
B		US- 4,038,596	07-26-1977	Lee	
B		US- 4,200,770	04-29-1980	Hellman, et al.	
B		US- 4,218,582	08-19-1980	Hellman, et al.	
B		US- 4,405,829	09-20-1983	Rivest, et al.	
B		US- 4,424,414	01-03-1984	Hellman, et al.	
B		US- 4,748,668	05-31-1988	Shamir, et al.	
B		US- 4,789,928	12-06-1988	Fujisaki	
B		US- 4,908,873	03-13-1990	Philibert, et al.	
B		US- 4,979,210	12-18-1990	Nagata, et al.	
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B		US- 5,073,925	12-17-1991	Nagata, et al.	
B		US- 5,243,515	09-07-1993	Lee	
B		US- 5,287,407	02-15-1994	Holmes	
B		US- 5,319,735	06-07-1994	Preuss, et al.	
B		US- 5,365,586	11-15-1994	Indeck, et al.	
B		US- 5,379,345	01-03-1995	Greenberg	
B		US- 5,394,324	02-28-1995	Clearwater	
B		US- 5,408,505	04-18-1995	Indeck, et al.	
B		US- 5,412,718	05-02-1995	Narasimhalu, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

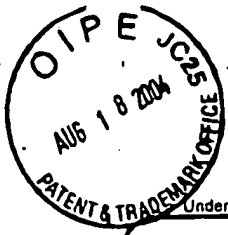
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Application Number	09/545,589
Filing Date	April 7, 2000
First Named Inventor	Scott A. MOSKOWITZ
Art Unit	2132
Examiner Name	Benjamin E. Lanier
Attorney Docket Number	066603.0123 (80410.0006)

Sheet 2 of 5

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B		US- 5,428,606	06-27-1995	Moskowitz	
B		US- 5,487,168	01-23-1996	Geiner, et al.	
B		US- 5,493,677	02-20-1996	Balogh, et al.	
B		US- 5,530,759	06-25-1996	Braudaway, et al.	
B		US- 5,568,570	10-22-1996	Rabbani	
B		US- 5,606,609	02-25-1997	Houser, et al.	
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B		US- 5,617,119	04-01-1997	Briggs, et al.	
B		US- 5,636,292	06-03-1997	Rhoads	
B		US- 5,640,569	06-17-1997	Miller, et al.	
B		US- 5,659,726	08-19-1997	Sandford, II, et al.	
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B		US- 5,687,236	11-11-1997	Moskowitz, et al.	
B		US- 5,734,752	03-31-1998	Knox	
B		US- 5,745,569	04-28-1998	Moskowitz, et al.	
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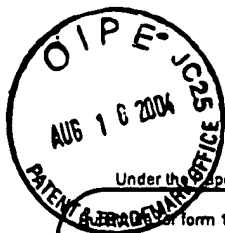
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		Filing Date	April 7, 2000		
		First Named Inventor	Scott A. MOSKOWITZ		
		Art Unit	2132		
		Examiner Name	Benjamin E. Lanier		
Sheet	3	of	5	Attorney Docket Number	066603.0123 (80410.0006)

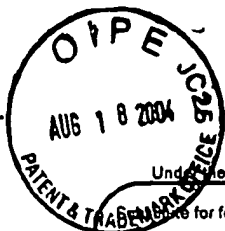
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
BE		SMITH, et al., "Modulation and Information Hiding in Images," Springer Verlag, First International Workshop, Cambridge, U.K., 30 May to 1 June, 1996, pp. 207-227.	
BE		KUTTER, et al., "Digital Signature of Color Images Using Amplitude Modulation," SPIE-EI97, Vol. 3022, pp. 518-527.	
BE		PUATE, et al., "Using Fractal Compression Scheme to Embed a Digital Signature into an Image," SPIE-96 Proceedings, vol. 2915, March 1997, pp. 108-118.	
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BE		BONEY, et al., "Digital Watermarks for Audio Signals," Proceedings of EUSIPCO-96, 8th European Signal Processing Conference, Trieste, Italy, Sep. 10-13, 1996, 5 pages.	
BE		SWANSON, et al., "Transparent Robust Image Watermarking," Proc. of the 1996 IEEE Int. Conf. on Image Processing, Vol. III, 1996, pp. 211-214.	
BE		SWANSON, et al., "Robust Data Hiding for Images," 7th IEEE Digital Signal Processing Workshop, Sept. 1-4, 1996, Loen, Norway, pp. 37-40.	
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BE		KOCK, et al., "Towards Robust and Hidden Image Copyright Labeling," 1995 IEEE Workshop on Nonlinear Signal and Image Processing, Neos Marmaras, June 1995, 4 pages.	

Examiner Signature	<i>B. E. Lanier</i>	Date Considered	2/17/05
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BB		LANGELAAR, et al., "Copy Protection for Multimedia Data based on Labeling Techniques," Dept. of Electrical Engineering, Information Theory Group, Delft Univ. of Tech., Delft, The Netherlands, July 1996, 9 pages.	
BB		VAN SCHYNDEL, et al., "A Digital Watermark," IEEE International Computer Processing Conference, Austin, TX, Nov. 13-16, 1994, pp. 86-90.	
BB		VAN SCHYNDEL, et al., "Towards A Robust Digital Watermark," Second Asian Image Processing Conference, Singapore, Dec. 6-8, 1995, Vol. 2, pp. 504-508.	
BB		TIRKEL, et al., "A Two-Dimensional Digital Watermark," DICTA'95, University of Queensland, Brisbane, Dec. 5-8, 1995, 7 pages.	
BB		TIRKEL, A.Z., "Image Watermarking - A Spread Spectrum Application," ISSSTA'96, Sept. 1996, Mainz, Germany, 6 pages.	
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BB		PRESS, et al., "Numerical Recipes in C," Cambridge University Press, 1988, 12. Fourier Transform Spectral Methods, pp. 398-470.	
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BB		POHLMANN, Ken C., "Principles of Digital Audio," Second Edition, 1991, pp. 1-9, 19-25, 30-33, 41-48, 54-57, 86-107, 375-387.	

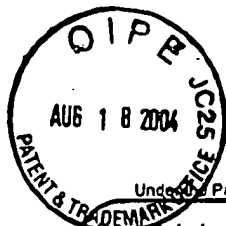
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Sheet	5	of	5
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**NON PATENT LITERATURE DOCUMENTS**

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BE		SCHNEIER, B., "Applied Cryptography," John Wiley & Sons, Inc., New York, 1994, particularly the following sections: 4.1 Subliminal Channel, pp. 66-68, 16.6 Subliminal Channel, pp 387-392, Ch. 1 pp 1-16, Ch. 2 pp 17-41, Ch. 3 pp 42-57, Ch. 12.1 pp 273-275, Ch 14.1 pp 321-324.	
BE		KAHN, D., "The Code Breakers," The Macmillan Company, 1969, particularly the following sections on steganography pp. xiii, 81-83, 513, 515, 522-526, 873.	
BE		BREALEY, et al., "Principles of Corporate Finance, Appendix A – Using Option-Valuation Models," 1984, pp. 448-449.	
BE		COPELAND, et al., "Real Options: A Practitioner's Guide," 2001, pp. 106-107, 201-202, 204-208.	
BE		SARKAR, M. "An Assessment of Pricing Mechanisms for the Internet – A Regulatory Imperative," presented at MIT Workshop on Internet Economics, March 1995. <a href="http://www.press.umich.edu/jep/works/SarkAssess.html">http://www.press.umich.edu/jep/works/SarkAssess.html</a> on March 12, 2001.	
BE		CRAWFORD, D.W., "Pricing Network Usage: A Market for Bandwidth or Market Communication?" presented at MIT Workshop on Internet Economics, March 1995. <a href="http://www.press.umich.edu/jep/works/CrawMarket.html">http://www.press.umich.edu/jep/works/CrawMarket.html</a> on March 12, 2001.	
BE		LOW, S.H., "Equilibrium Allocation and Pricing of Variable Resources Among User-Suppliers (1988). <a href="http://citeseer.nj.nec.com/366503.html">http://citeseer.nj.nec.com/366503.html</a> .	

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